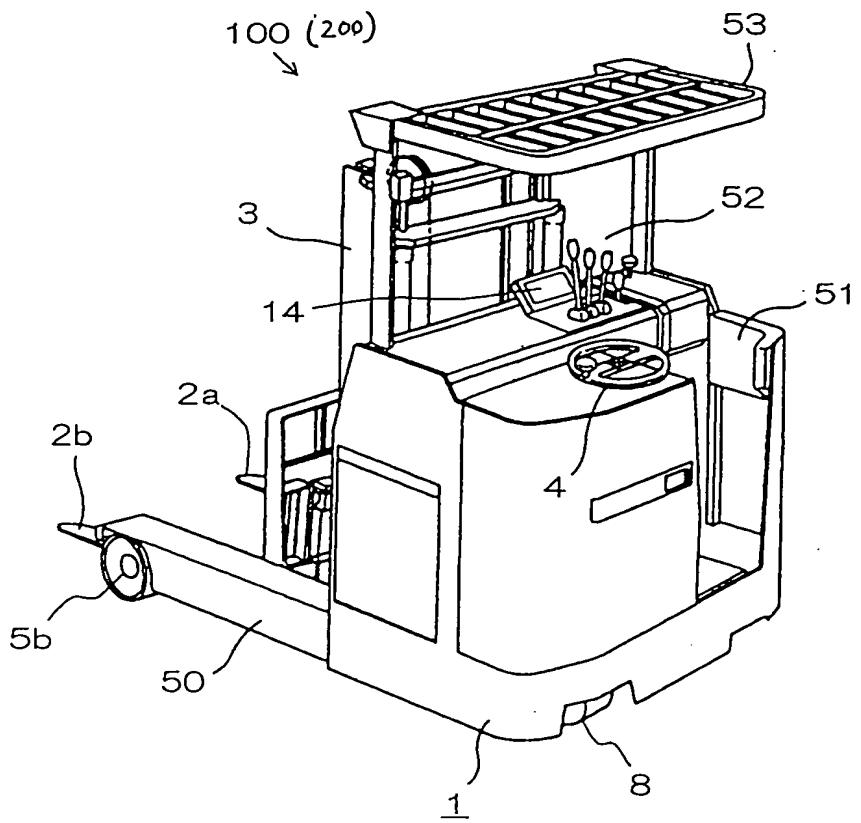


FIG. 1



00000000000000000000000000000000

FIG. 2

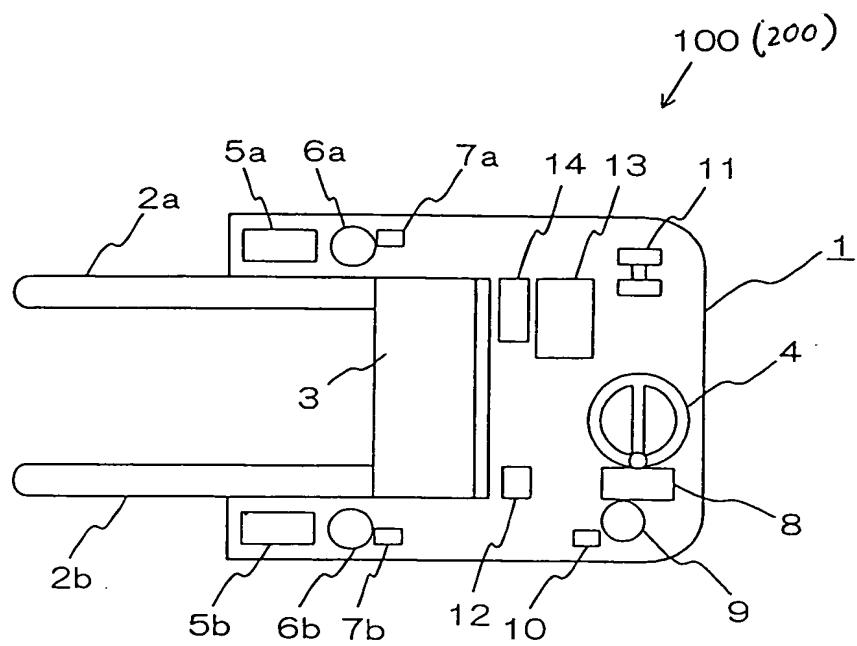
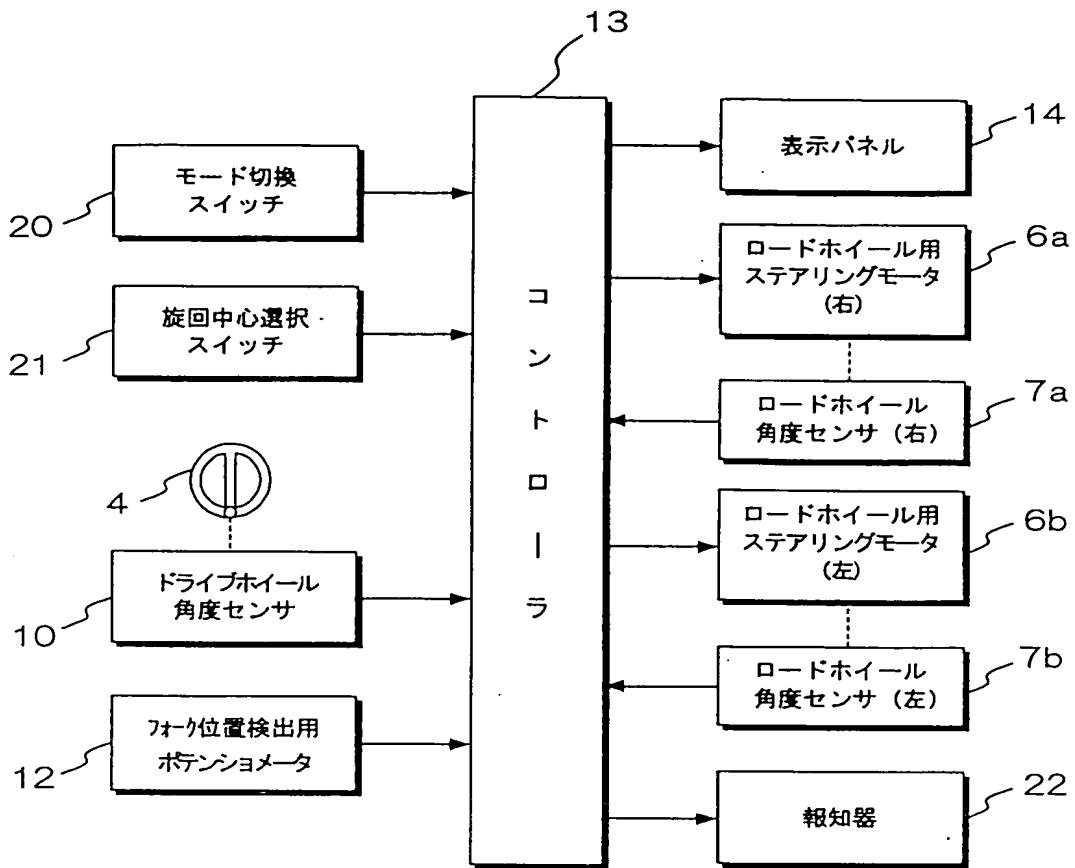


FIG. 3



6a: road wheel steering motor; 6b: road wheel steering motor; 7a: road wheel angle sensor (right); 7b: road wheel angle sensor (left); 10: driving wheel angle sensor; 12: fork arm position detecting potentiometer; 13: controller; 14: display panel; 20: mode switching switch; 21: center-of-turn selecting switch; 22: information device.

FIG. 4

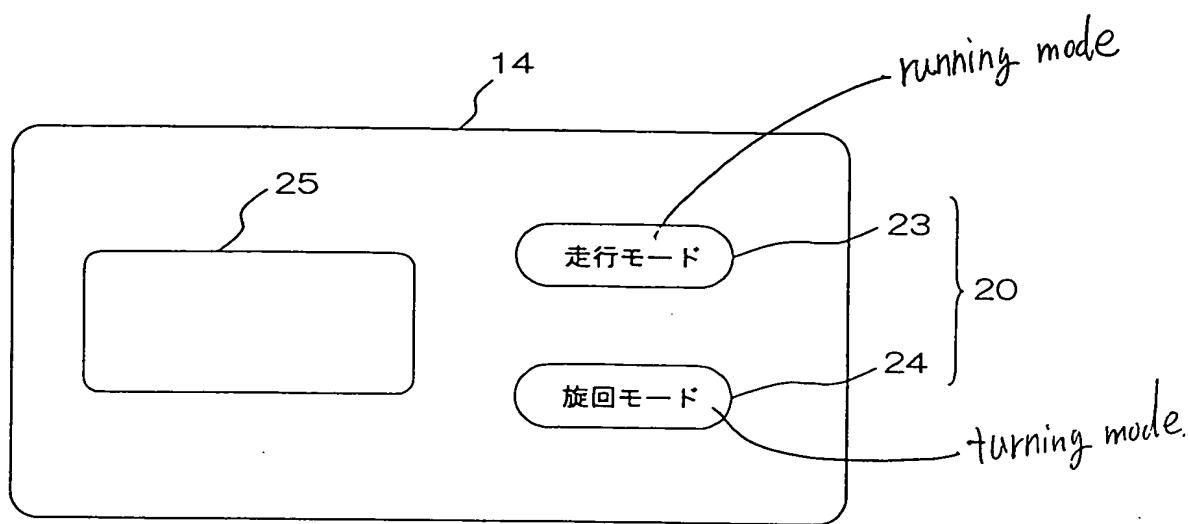


FIG. 5

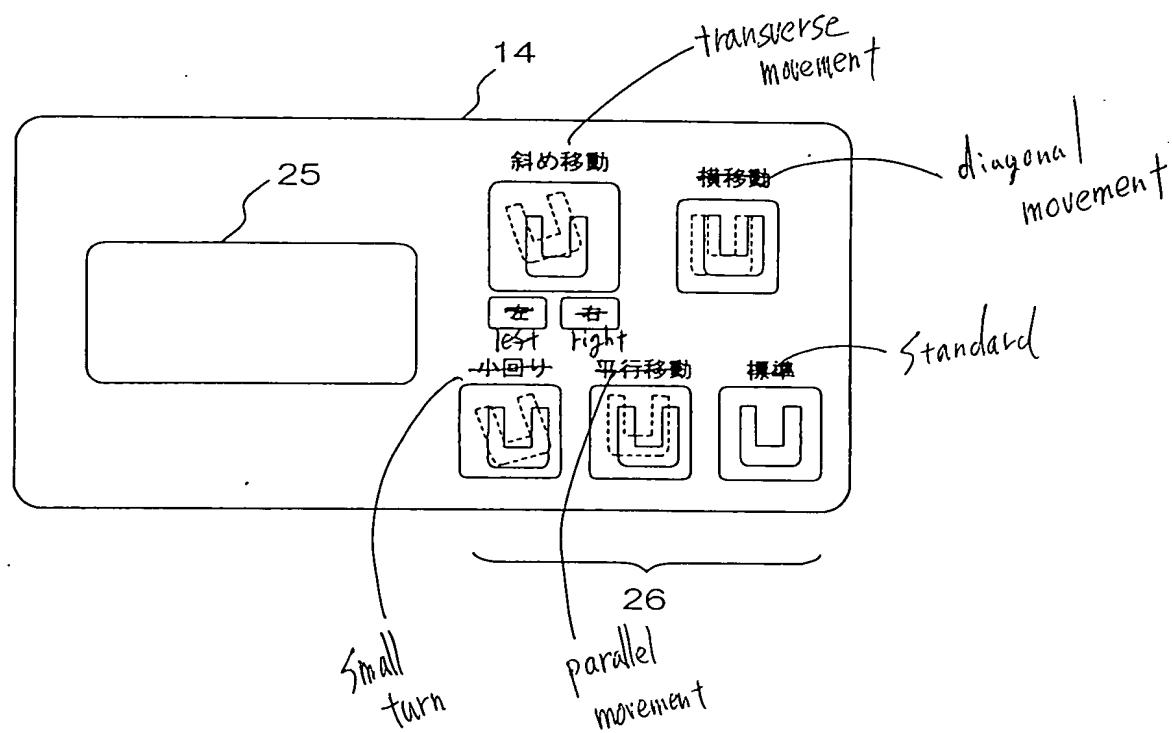


FIG. 6

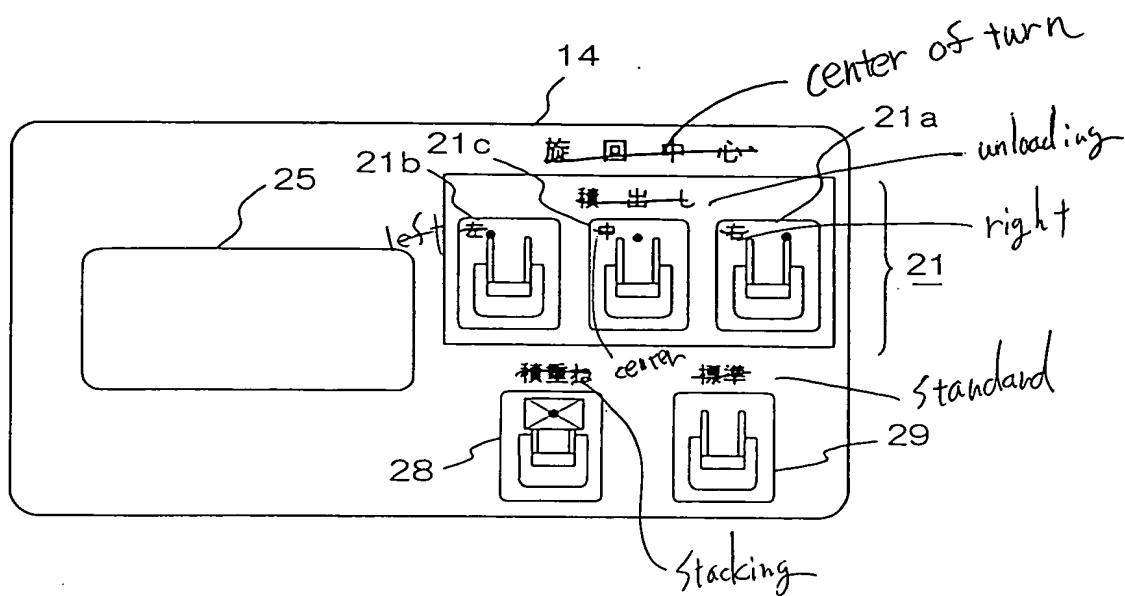


FIG. 7

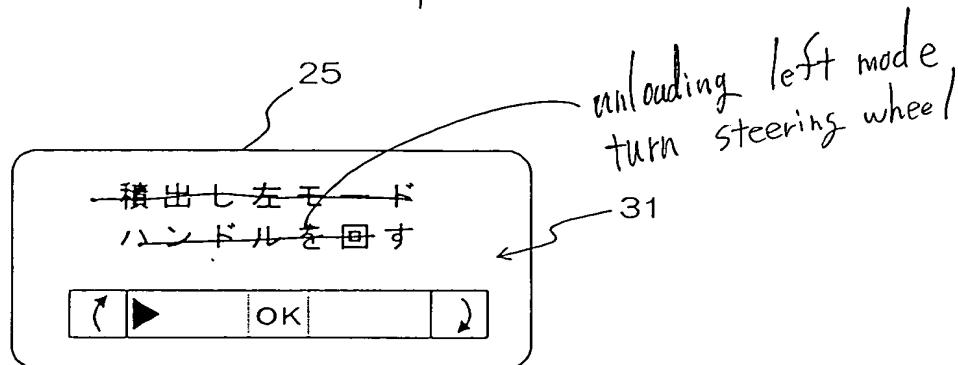


FIG. 8

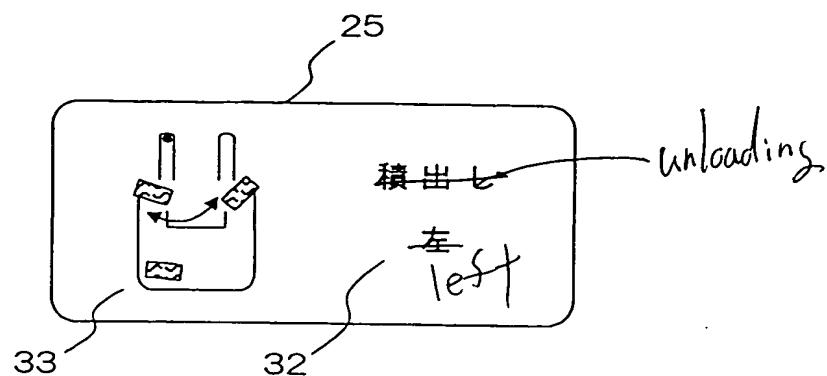
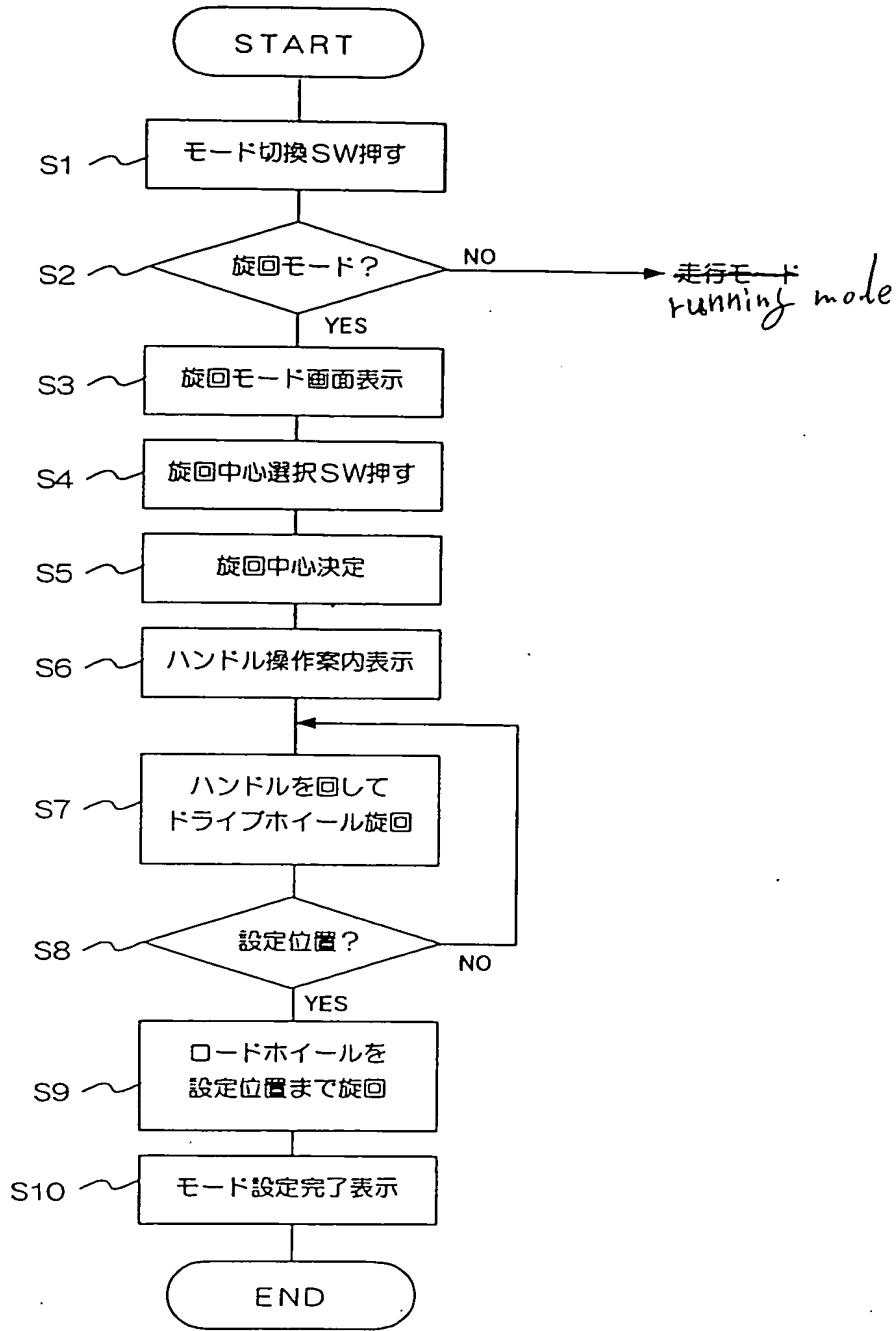


FIG. 7



S1: depress mode switching switch; S2: has turning mode been depressed?; S3: display turning mode screen; S4: depress center-of-turn selecting switch; S5: determine center of turn; S6: display steering wheel operation guide; S7: turn steering wheel to turn driving wheel; S8: has driving wheel turned to set position?; S9: turn road wheels to set positions; S10: display mode setting completion screen.

FIG. 10A

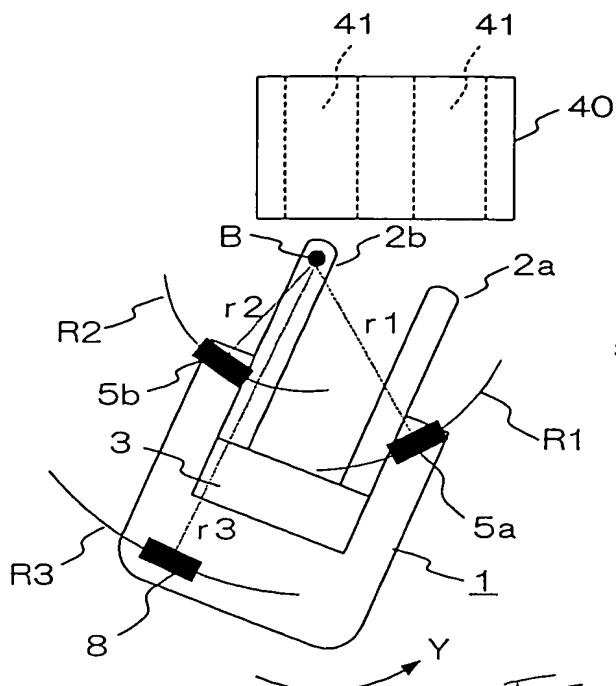


FIG. 10B

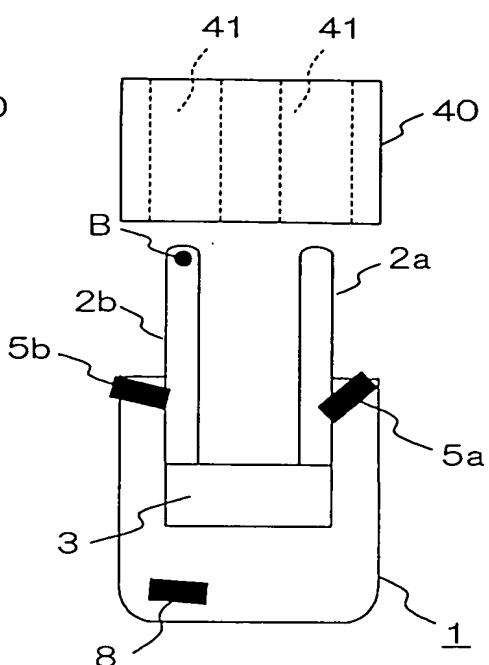


FIG. 10C

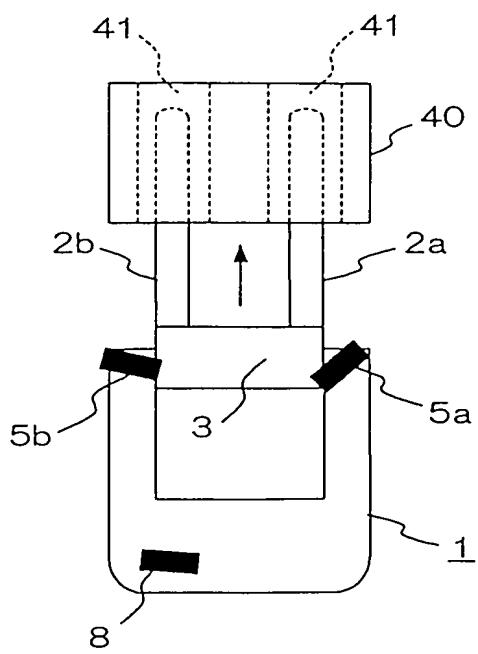


FIG. 11

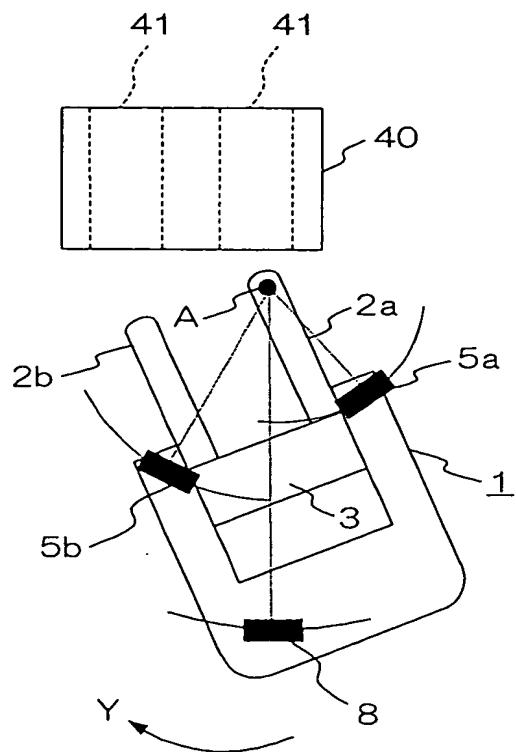


FIG. 12

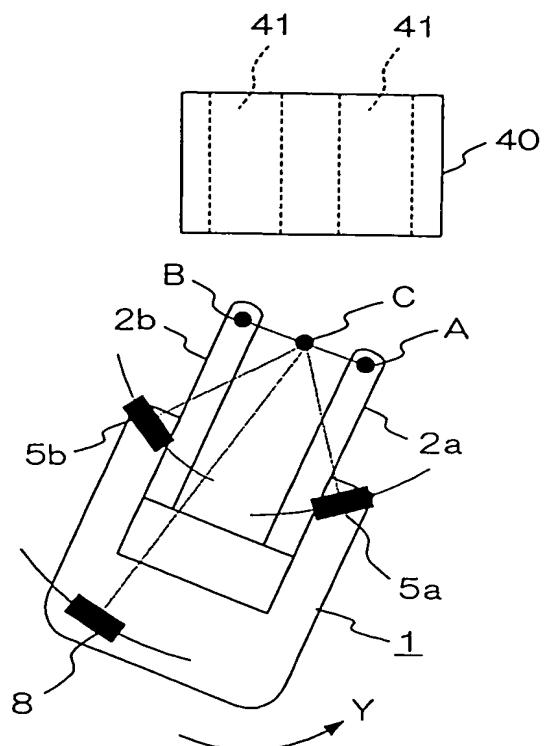


FIG. 13

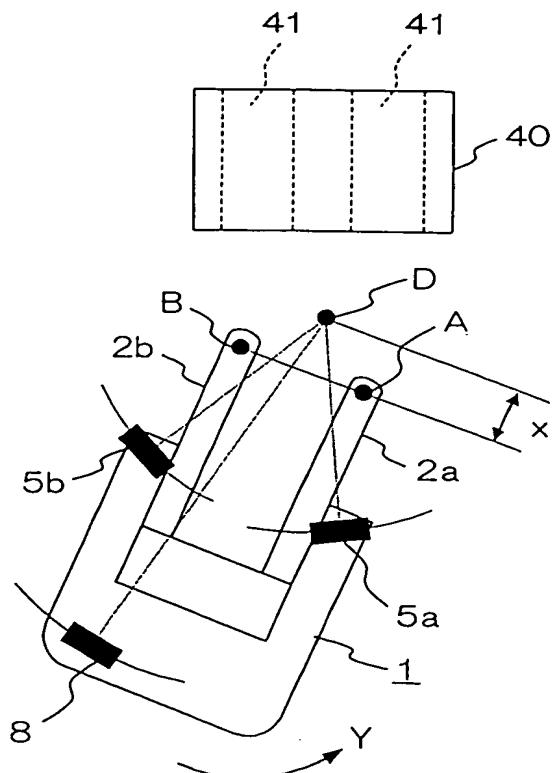
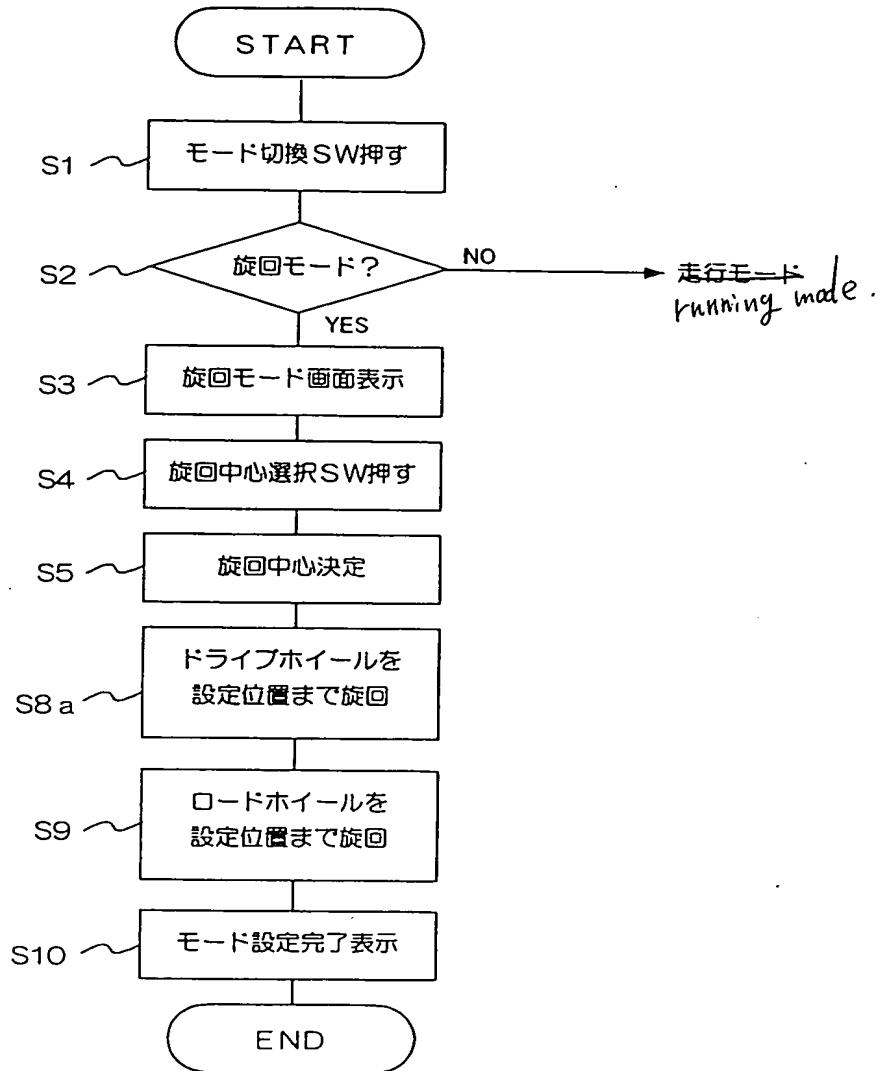
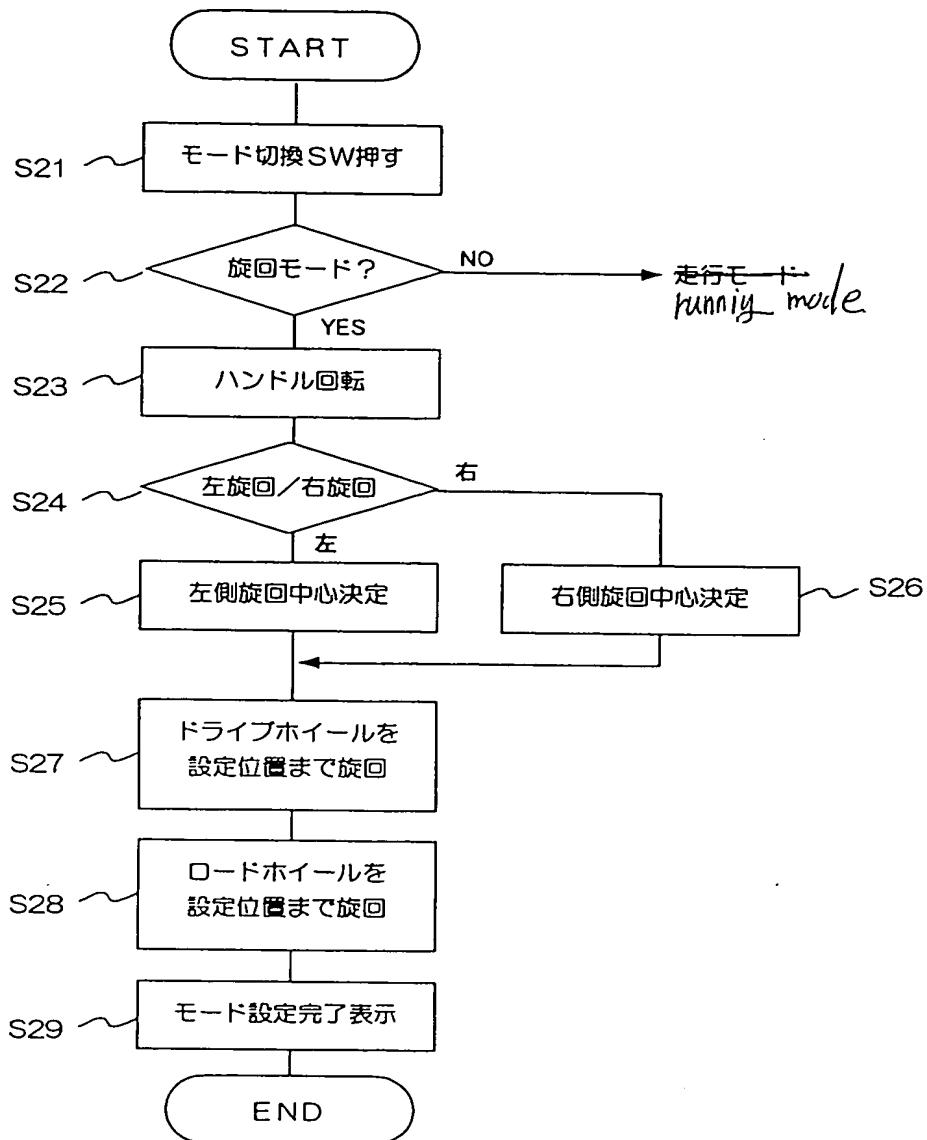


FIG. 14



S1: depress mode switching switch; S2: has turning mode been depressed?, S3 display turning mode screen; S4: depress center-of-turn selecting switch; S5: determine center of turn; S8a: turn driving wheel to set position; S9: turn road wheels to set positions; S10: display mode setting completion screen.

FIG. 15



S21: depress mode switching switch; S22: has turning mode been depressed?; running mode; S23: turn steering wheel; S24: turn counterclockwise/turn clockwise; right; left; S27: turn driving wheel to set position; S28: turn road wheels to set positions; S30: display mode setting completion screen.

FIG. 16A

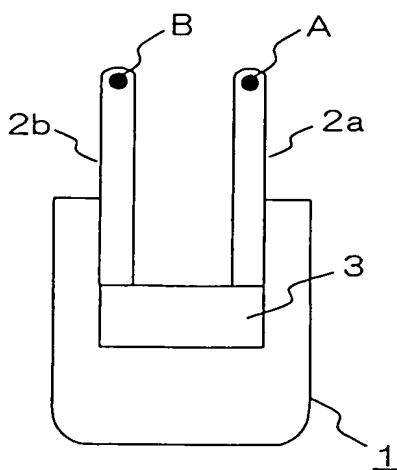


FIG. 16B

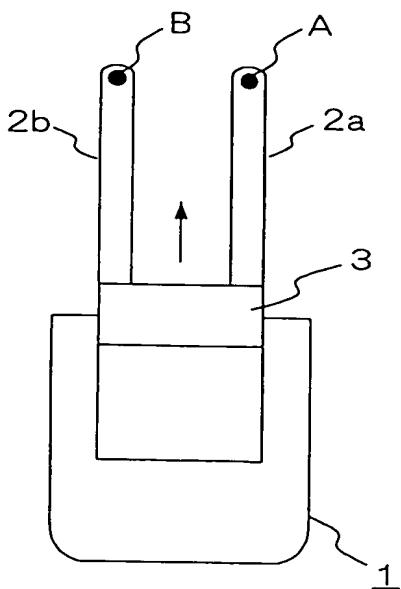
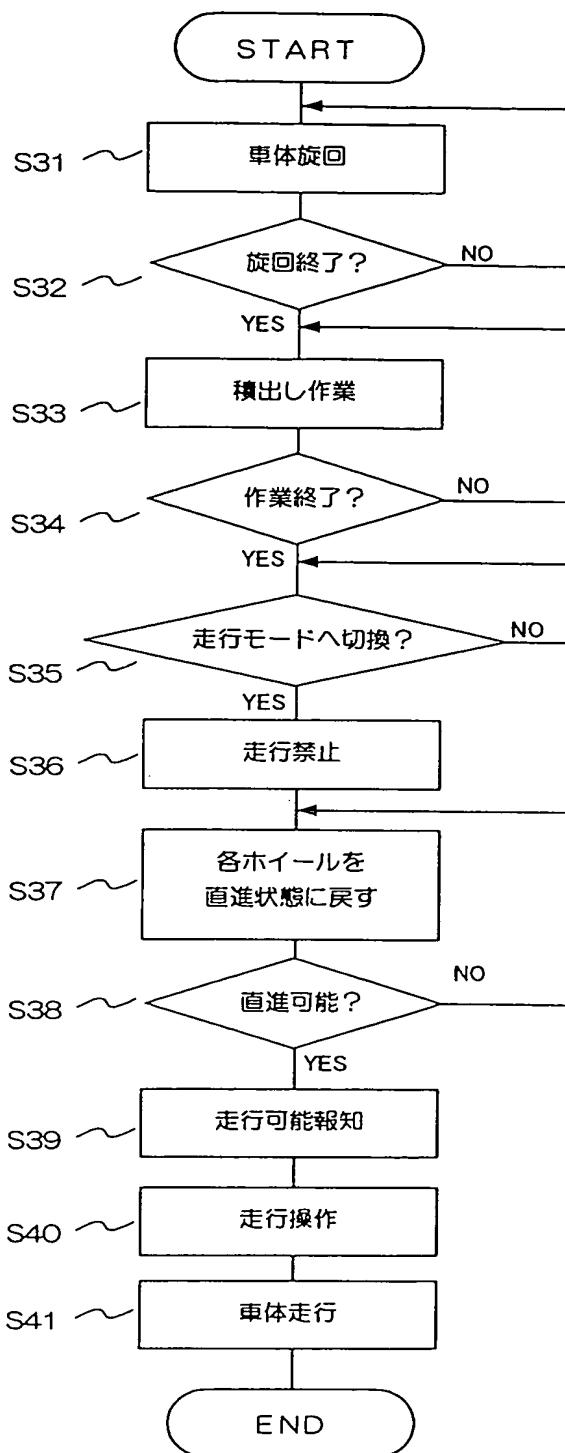
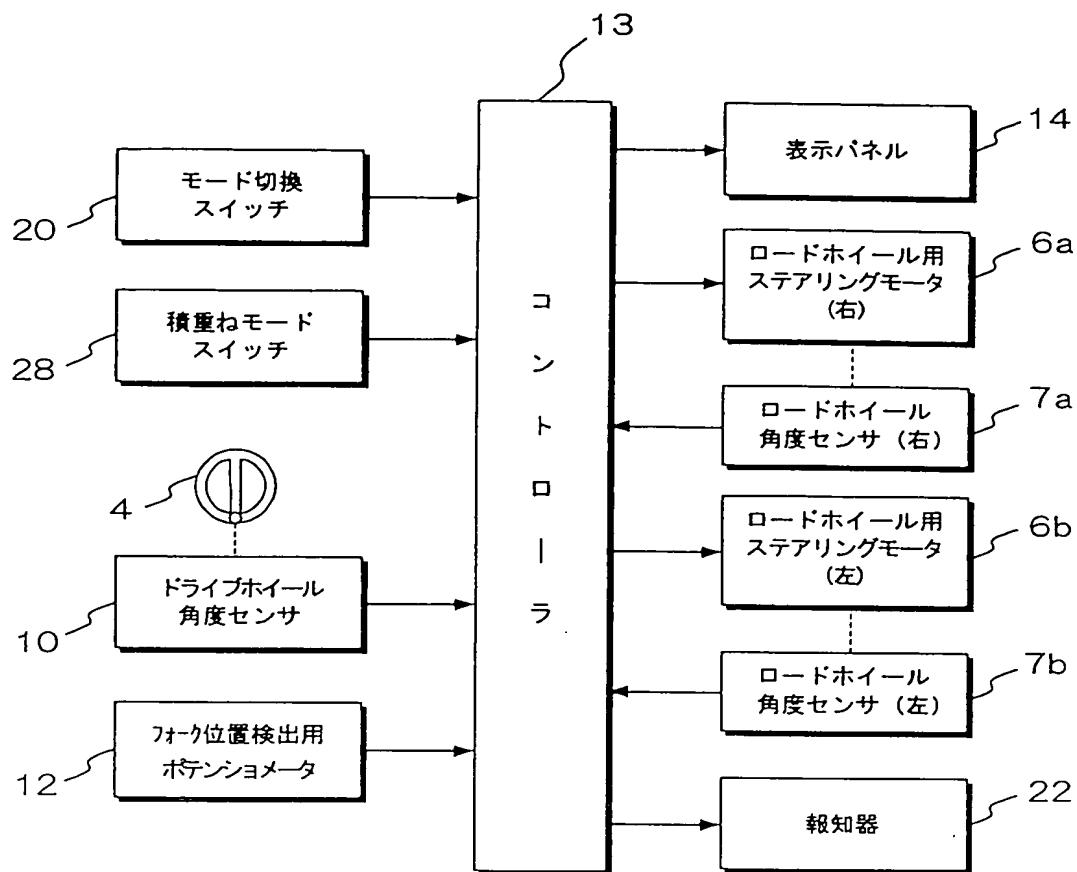


FIG. 11



S31: turn body; S32: has turn been completed; S33: unload cargo; S34: has unloading cargo been completed; S35: has operation mode been switched back to running mode; S36: prohibit running; S38: is straight running possible? S39: inform that running is ready; S40: perform running operation; S41: run body.

FIG. 18



6a: road wheel steering motor; 6b: road wheel steering motor; 7a: road wheel angle sensor (right); 7b: road wheel angle sensor (left); 10: driving wheel angle sensor; 12: fork arm position detecting potentiometer; 13: controller; 14: display panel; 20: mode switching switch; 22: information device; 28: stacking mode switch.

FIG. 19

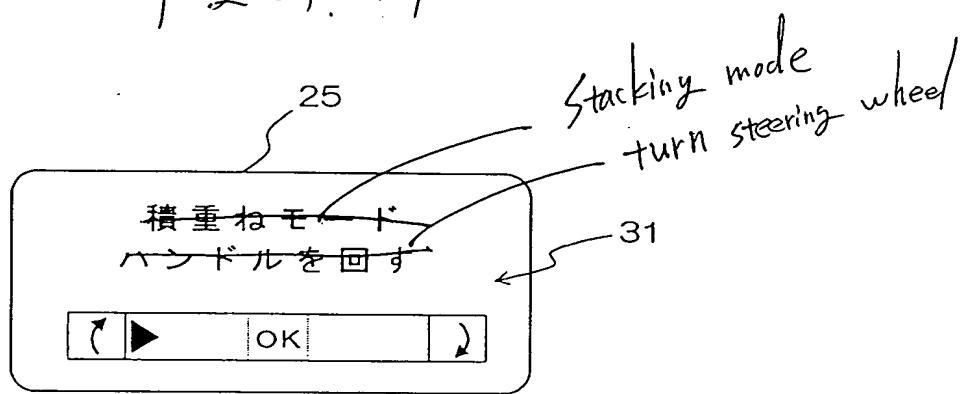


FIG. 20

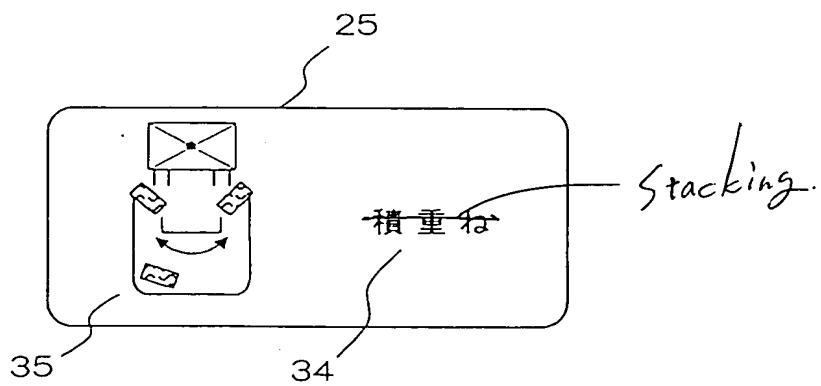
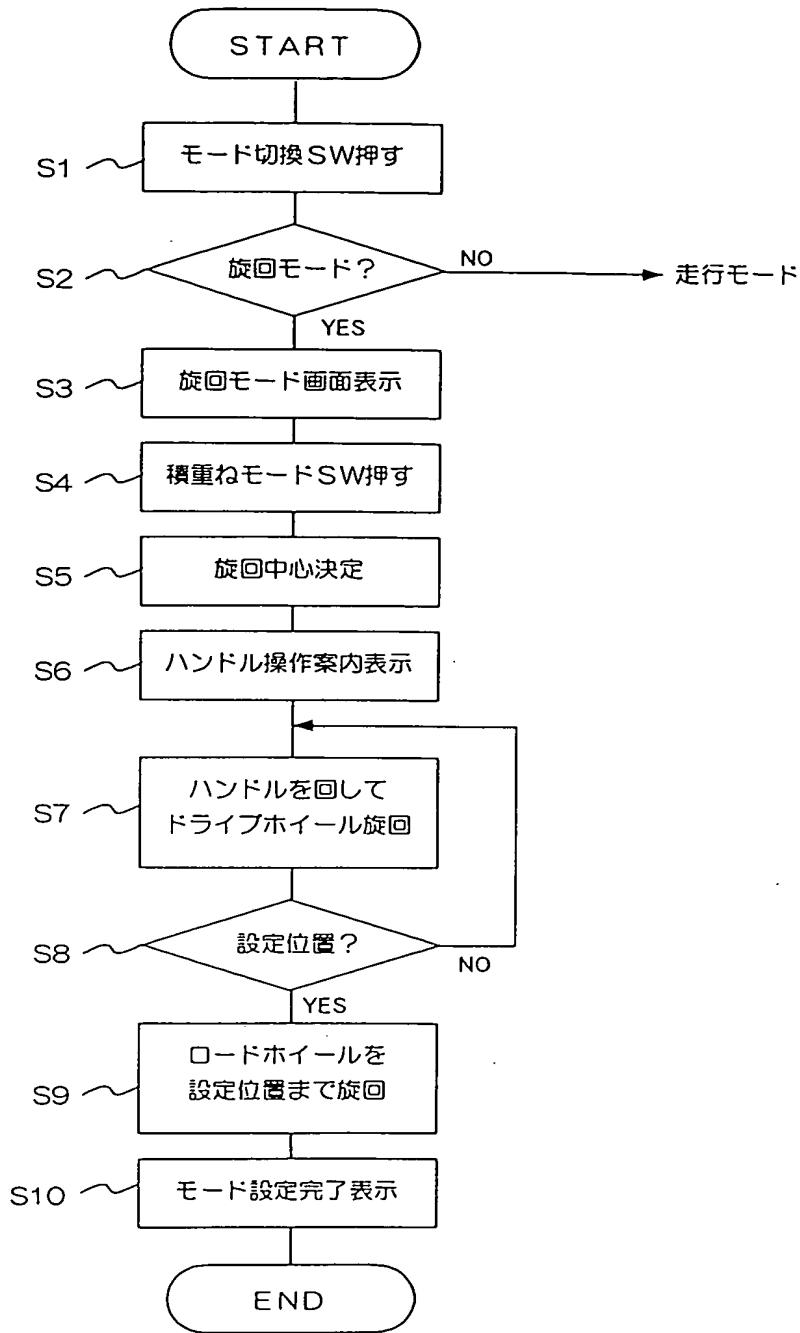


FIG. 21



S1: depress mode switching switch; S2: has turning mode been depressed?; S3: display turning mode screen; S4: depress stacking mode switch; S5: determine center of turn; S6: display steering wheel operation guide; S7: turn steering wheel to turn driving wheel; S8: has driving wheel turned to set position?; S9: turn road wheels to set positions; S10: display mode setting completion screen.

FIG. 22

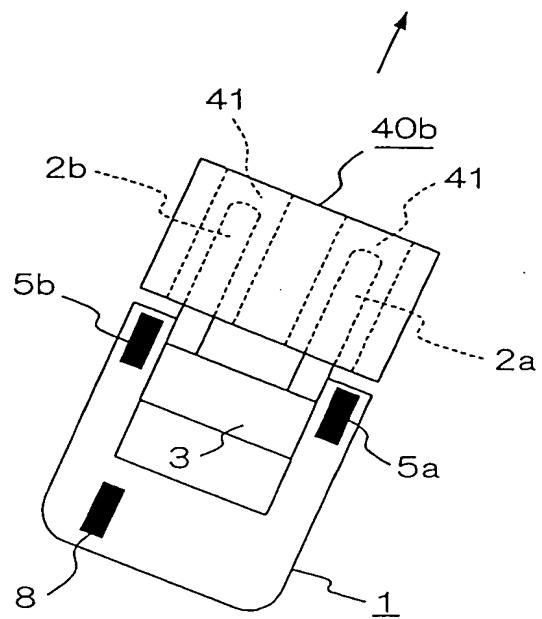
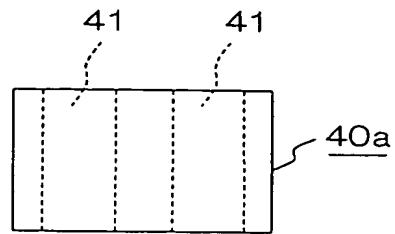


FIG. 23

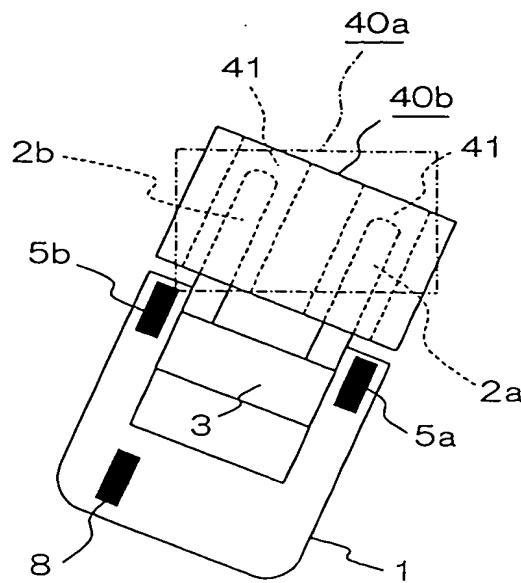


FIG. 24

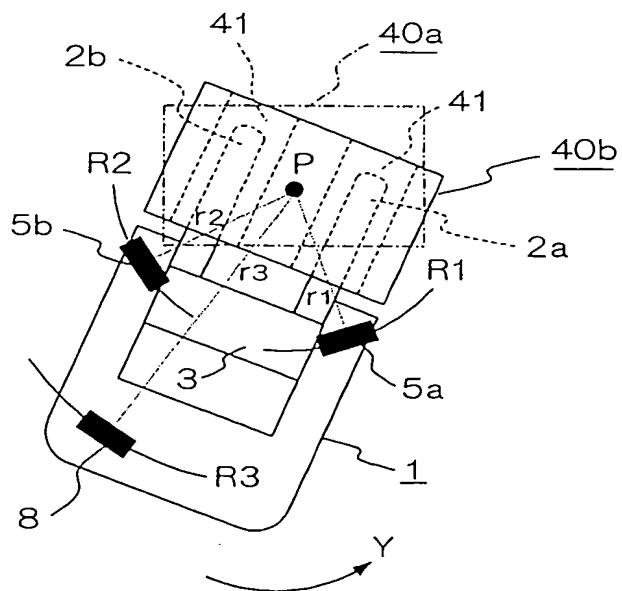


FIG. 25

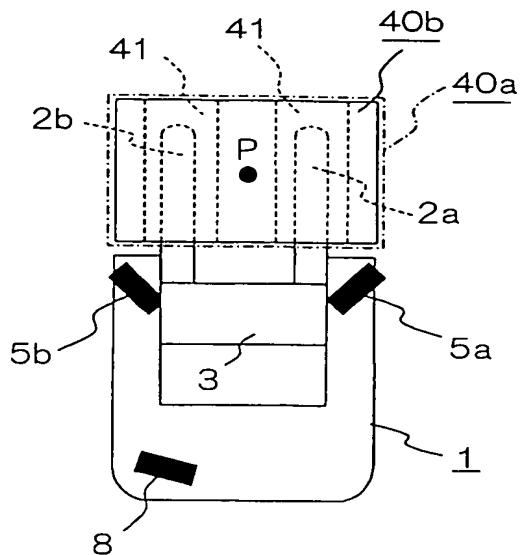


FIG. 26

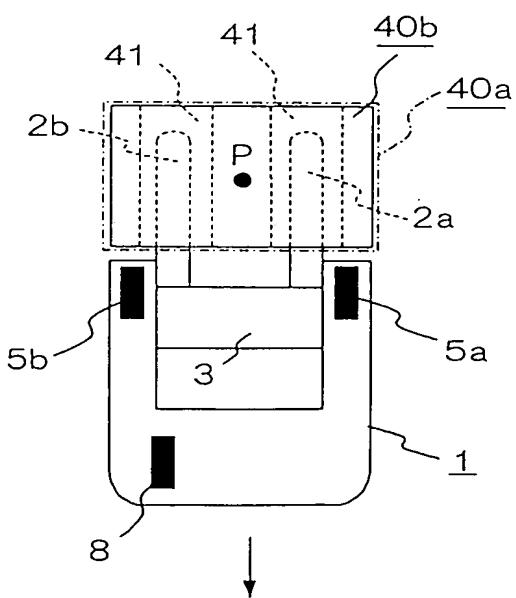


FIG. 27A

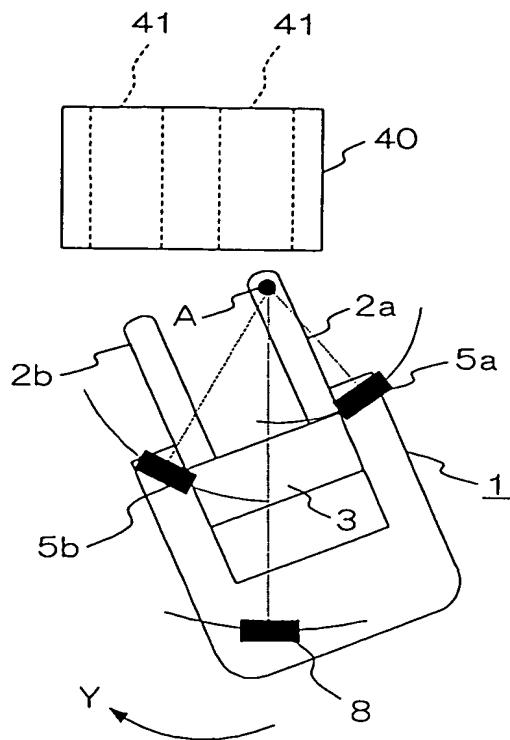


FIG. 27B

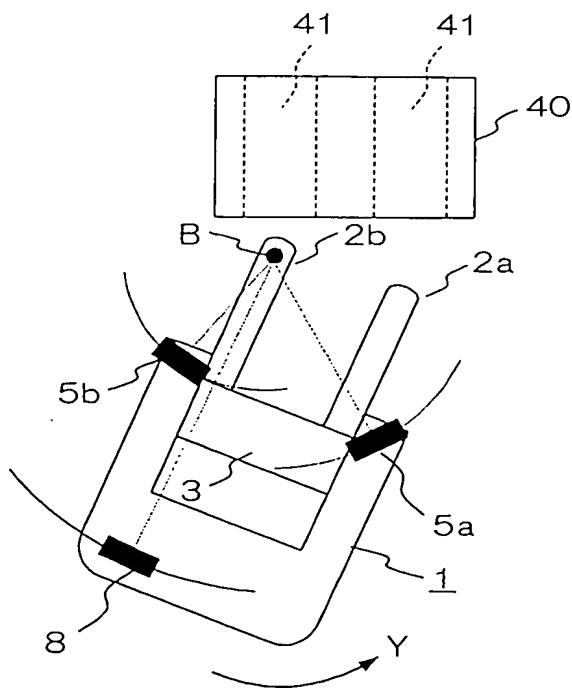
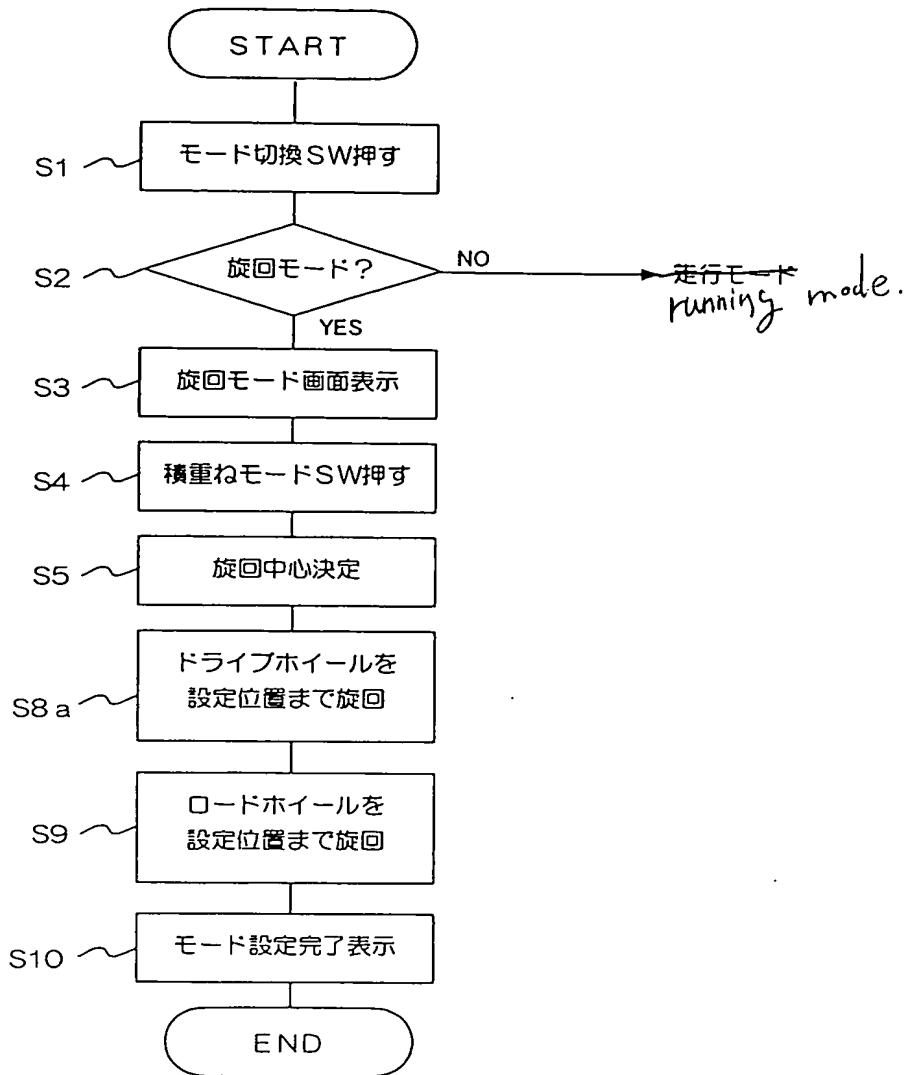


FIG. 28



S1: depress mode switching switch; S2: has turning mode been depressed?; S3: display turning mode screen; S4: stacking mode switch; S5: determine center of turn; S8a: turn driving wheel to set position; S9: turn road wheels to set positions; S10: display mode setting completion screen.

FIG. 29A

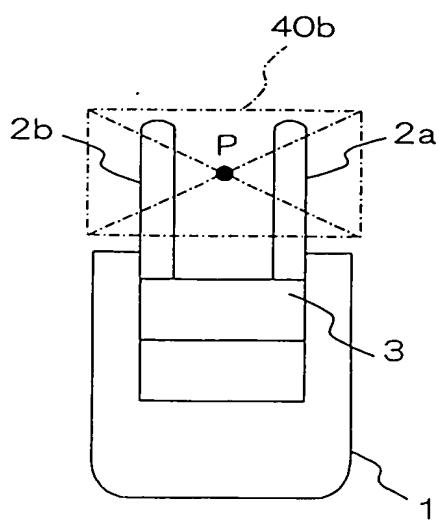


FIG. 29B

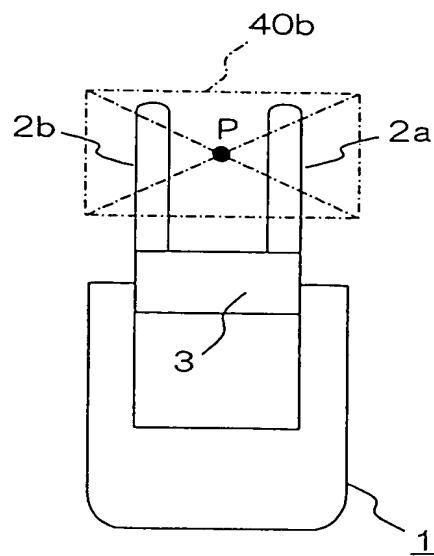
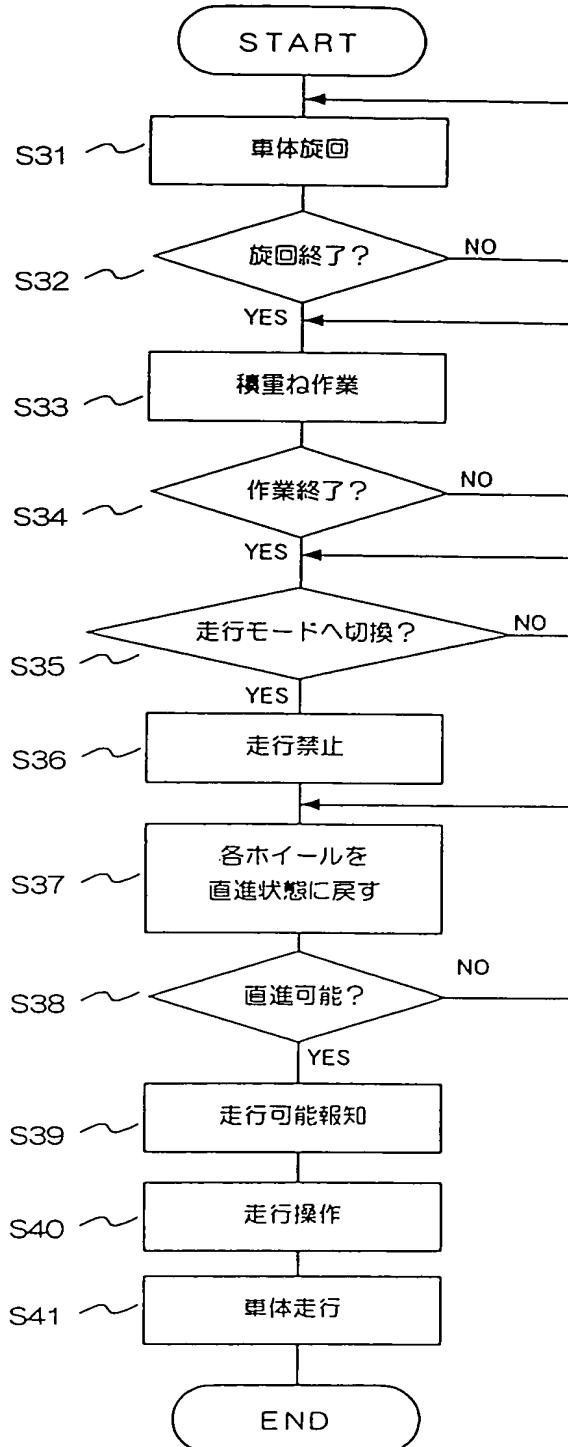
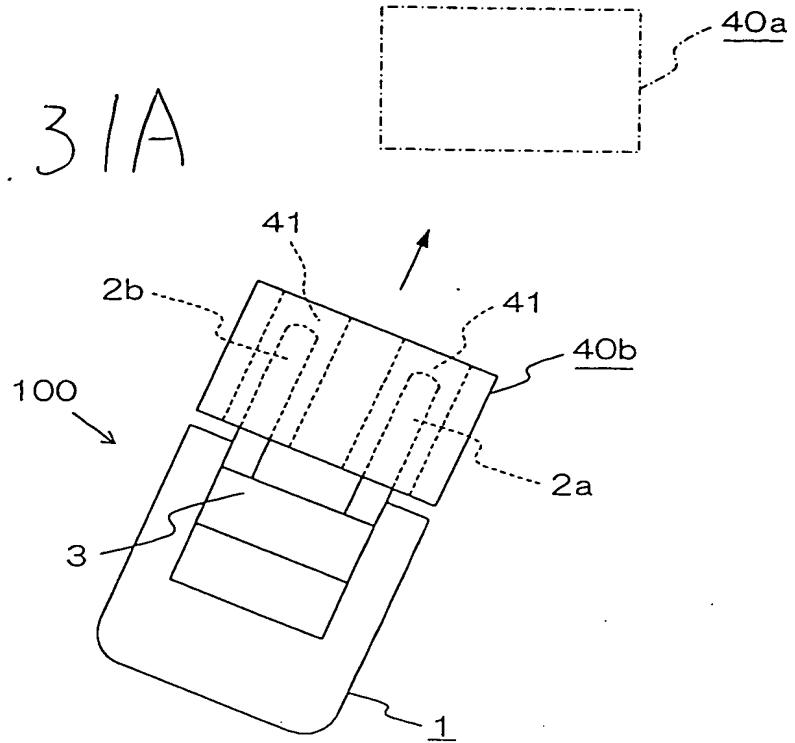


FIG. 30



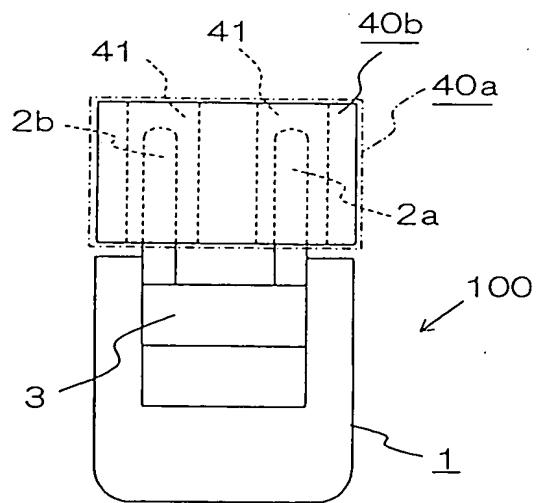
S31: turn body; S32: has turn been completed; S33: stack pallet; S34: has stacking pallet been completed; S35: has operation mode been switched back to running mode; S36: prohibit running; S38: is straight running possible? S39: inform that running is ready; S40: perform running operation; S41: run body.

FIG. 3/A



09293513-342704

FIG. 3/B



KOKURA Q67454
CARGO HANDLING VEHICLE
Filed: November 27, 2001
Darryl Mexic 202-293-7060
27 of 27

FIG. 32.

